


<p align="center">Response to Missing Requirements Under 35 USC § 371</p>	<p>Attorney Docket No.: UCLARF.003NP First Named Inventor: Verbauwhede et al. Int'l Application No.: PCT/US04/30580 US Application No.: 10/565,551 Entered National Phase: January 18, 2006 Title: A DYNAMIC AND DIFFERENTIAL CMOS LOGIC WITH SIGNAL-INDEPENDENT POWER CONSUMPTION TO WITHSTAND DIFFERENTIAL POWER ANALYSIS</p>
<p>Direct all correspondence to Customer No.: 20995 Date: September 11, 2006</p> <p align="right">Page 1 of 2</p>	

Mail Stop PCT
 United States Patent and Trademark Office
 PO Box 1450
 Alexandria, VA 22313-1450

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as Express Mail EV 913942912 US in an envelope addressed to: United States Patent and Trademark Office, PO Box 1450, Alexandria, VA 22313-1450, on

September 11, 2006

(Date)


 Lee W. Henderson Ph.D., Reg. No. 41,830

Applicant herewith submits to the US Designated/Elected Office (DO/EO/US) the following items and other information:

- (X) This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
- (X) Copy of the Notification of Missing Requirements under 35 USC 371 dated July 24, 2006.
- (X) An Oath or Declaration signed by the inventors (35 USC 371(c)(4)) in 4 pages.
- (X) Power of attorney form and copy of assignment in 4 pages.
- (X) Return prepaid postcard.

**Response to Missing
Requirements Under
35 USC § 371**

Attorney Docket No.: UCLARF.003NP
First Named Inventor: Verbauwhede et al.
Int'l Application No.: PCT/US04/30580
US Application No.: 10/565,551
Entered National Phase: January 18, 2006
Title: A DYNAMIC AND DIFFERENTIAL CMOS LOGIC WITH
SIGNAL-INDEPENDENT POWER CONSUMPTION TO
WITHSTAND DIFFERENTIAL POWER ANALYSIS

Direct all correspondence to Customer No.: 20995

Date: September 11, 2006

Page 2 of 2

FILING FEES NOT YET PAID:

FEE CALCULATION				
FEE TYPE		LARGE FEE	CALCULATION	TOTAL
Late Oath/Decl.	37 CFR § 1.492(h)	1617 (\$130)		\$130
Excess Claims	25 - 25 = 0	1615 (\$50)	0 x 50 =	\$0
Excess Ind. Claims	7 - 7 = 0	1614 (\$200)	0 x 200 =	\$0
Multiple Claim	37 CFR § 1.492(f)	1616 (\$360)		\$0
1 Month Extension	37 CFR § 1.17(a)(1)	1251 (\$120)		\$0
2 Month Extension	37 CFR § 1.17(a)(2)	1252 (\$450)		\$0
3 Month Extension	37 CFR § 1.17(a)(3)	1253 (\$1,020)		\$0
4 Month Extension	37 CFR § 1.17(a)(4)	1254 (\$1,590)		\$0
			SUB TOTAL	\$130
The present application qualifies for Small Entity status under 37 CFR § 1.27. Fee reduced by 1/2.				(\$65)
Late English Trans	37 CFR § 1.492(i)	1618 (\$130)		\$0
			TOTAL FEE DUE	\$65

(X) A check in the amount of \$65 is enclosed to cover the above fees.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1410.

09/15/2006 ATRAH1 00000110 10565551

01 FC:2617

65.00 DP



Lee W. Henderson Ph.D.
Registration No. 41,830
Attorney of Record
Customer No. 20,995
(949) 760-0404

2915542
091106

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

2040 Main Street
Fourteenth Floor
Irvine, CA 92614
Tel 949-760-0404
Fax 949-760-9502
www.kmob.com

Lee W. Henderson, Ph.D.

MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : UCLARF.003NP

Applicant(s) : Verbauwhede et al.

For : A DYNAMIC AND DIFFERENTIAL CMOS
LOGIC WITH SIGNAL-INDEPENDENT
POWER CONSUMPTION TO WITHSTAND
DIFFERENTIAL POWER ANALYSIS

Attorney : Lee W. Henderson Ph.D.

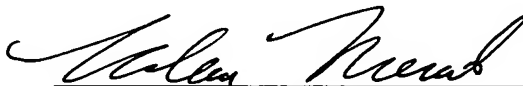
"Express Mail" Label No. : EV 913942912 US

Date of Deposit : September 11, 2006

I hereby certify that the accompanying

Transmittal letter; Declaration in 4 pages; Power of Attorney by Assignee and
copy of Assignment in 4 pages; Notification of Missing Requirements in 2 pages;
Check for Filing Fees; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Nelson Merida

2915583
091106

San Diego
619-235-8550

San Francisco
415-954-4114

Los Angeles
310-551-3450

Riverside
951-781-9231

San Luis Obispo
805-547-5580



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/565,551	Ingrid M. Verbauwhede	UCLARF.003NP
INTERNATIONAL APPLICATION NO.		
PCT/US04/30580		
LA. FILING DATE	PRIORITY DATE	
09/17/2004	09/17/2003	

20995
 KNOBBE MARTENS OLSON & BEAR LLP
 2040 MAIN STREET
 FOURTEENTH FLOOR
 IRVINE, CA 92614

CONFIRMATION NO. 2110

371 FORMALITIES LETTER



OC000000019725757

Date Mailed: 07/24/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/18/2006
- Copy of the International Search Report filed on 01/18/2006
- Copy of IPE Report filed on 01/18/2006
- Oath or Declaration filed on 01/18/2006
- U.S. Basic National Fees filed on 01/18/2006
- Priority Documents filed on 01/18/2006
- Specification filed on 01/18/2006
- Claims filed on 01/18/2006
- Abstracts filed on 01/18/2006
- Drawings filed on 01/18/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN R MCLEAN

Telephone: (703) 308-9140 EXT 214

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/565,551	PCT/US04/30580	UCLARF.003NP

FORM PCT/DO/EO/905 (371 Formalities Notice)